

103451-ELE-1OS-E-2002
Lead Commissioning & Start-up Engineer

Holds a B. Sc. in Automatic Control & Measurement Engineering and has over 20 years' experience working in operation, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/01/1977
Gender : Male
Marital Status : Married
Residence : Currently Bangladesh

EDUCATION

: B. Sc. in Automatic Control & Measurement Engineering, Banha High Institute of Technology, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Project Management Professional (PMP) training course, Campus Education Institute (from Oct. till Dec. 2016).
- : General Electric Company (4 weeks in USA) (250MW Power Station) (Aug./Sep. 2005):
 - Gas turbine – Generator operations program.
 - NETDAHS Basic training.
- : NEM Company (1 week in Site Cairo North Power Station) (Oct. 2005): Job site operation training for HRSG.
- : KSB Company (1 week in Site Cairo North Power Station) (Apr. 2005): Safe operation & maintenance for pumps.
- : Hitachi Ltd Company (2 weeks in Site Cairo North Power Station) (Jan. 2006): Plant operation of 259.5MW Hitachi steam turbine generator.
- : Bechtel Company (4 months on Shoubra El-Kheima Training Center) (2003): Basics and site-specific training course constituting a program of concentrated study of power plant equipment and system theory and application.

- : Bechtel Company (1 week on Shoubrah El-Kheima Training Center) (Apr. 2003): Operation in Black Start.
- : Cegelec Company (1 week in Site Cairo North Power Station) (Sep. 2004): Operation & maintenance for protection system.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2023 till now
Employer : GE VERNOVA
Project : Unique Meghnaghat 588.31MW CCPP at Sonargaon, Narayanganj, Bangladesh
Job title : Lead Commissioning & Start-up Engineer
Job Description :

- Commissioning and start-up of Reduction Gas station RMS and Fuel Gas Booster compressors Ingersoll IR manufactory.
- Commissioning and start-up for Water Bath heater & H2 generator. Gas generator.
- Commissioning and start-up Multi-Shaft GT Frame 9HA.01, ST Model STF-A651, Control system (Mark Vie) and their auxiliaries.
- Built up PTW Office, Prepare procedure for Commissioning and Start-up, TOP (Turnover packages).

Dates : From Jul. 2017 till Jan. 2023
Employer : GE
Project : Waad Al-Shamal -4 on 1 Block at 1390MW with GE GT's 7FA.05/STG D6.4/ HRSG's and 50MW Integrated Solar Power Plant
Job title : TOP Manager

Dates : From Mar. 2017 till Apr. 2017
Employer : GE
Project : SHOIBA Power Plant, KSA
Job title : Process / Operation Lead Engineer
Job Description :

- Commissioning and start-up Alstom steam turbine 400MW after MI outage.
- Commissioning and start-up of turbine generator and their auxiliaries, such as seal oil system, Co2/H2 purging, CCW system, lube oil and hydraulic system, Brush gear test.

Dates : From Jun. 2016 till Aug. 2016
Employer : Shanahan Engineering Company
Project : CCPP12 Power Plant, KSA
Job title : Process / Operation Lead Engineer
Job Description :

- Commissioning Operations Supervisor for 4 GE 7FA.05/Alstom steam turbines 345MW on 1 Power Block.
- Commissioning and start-up HRSGS and their auxiliaries.
- Commissioning and start-up Alstom steam turbine.

Dates : From Dec. 2012 till Mar. 2016
Employer : GE

Project : Giza Power Station
Job title : Process / Operation Lead Engineer
Job Description :

- Lead Operation Engineer for 6x250MW GE - MS 9001FA gas turbine, Control system (Mark VIe).
- Commissioning and start-up of turbine generator and their auxiliaries.
- Commissioning and start-up for water bath heater.

Dates : From Dec. 2010 till Nov. 2012
Employer : GE
Project : Sabiya CCGT Project, Sabiya, Kuwait
Job title : TOP / Operation Lead Engineer
Job Description :

- TOP Coordinator.
- Commissioning Operations Supervisor for 3 GE 9FA/D11 2 on 1 Power Block.
- Provided detailed daily reports on BOP system construction status.

Dates : From May 2010 till Oct. 2010
Employer : GRANITE SERVICES INTERNATIONAL INC. GSII - GE
Project : EI-Salam Workshop LNG Adecco Project
Job title : Coordinator Engineer

Dates : From Oct. 2008 till Dec. 2009
Employer : GRANITE SERVICES INTERNATIONAL INC. GSII
Project : EI-Kureimat III Project, Beni Suef, Egypt
Job title : Shift Charge Operation Engineer
Job Description :

- Shift Operation Engineer for 2x250MW GE - MS 9001FA gas turbine, Control system (Mark VI).
- Commissioning and start-up of turbine generator and their auxiliaries.
- Commissioning and start-up for water bath heater.

Dates : From Oct. 2007 till Oct. 2008
Employer : GRANITE SERVICES INTERNATIONAL INC. GSII
Project : Ras Abou Fontas Project, Doha - Qatar
Job title : Shift Charge Operation Engineer
Job Description :

- Shift Operation Engineer for 3x250MW) GE - MS 9001FA gas turbine, Control system (Mark VI).
- Commissioning and start-up of turbine generator and their auxiliaries.
- Commissioning and start-up for performance heater & H2 generator cell & evaporative cooler.
- Make Work permit & Ioto required.
- Emergency diesel generator 1.8MW (EDG).
- Black star diesel generator 17.8MW (BSDG).

Dates : From Jun. 2006 till Oct. 2007
Employer : Cairo Electricity Production Company
Project : Cairo North Combined Cycle (Module II) 750MW

- Job title** : Lead Operation Engineer
- Job Description** :
 - Shift Operation Engineer for 2x250MW GE - MS 9001FA gas turbine.
 - Control system (mark VI).
 - Steam Turbine (1x250MW) Alstom Power.
 - 3 Gas compressors (screw type), one stage, compression ratio 31:42 bar.
 - Two heat recovery steam generator (HRSG), manufactured by NEM.
 - DCS control (Mark VI-E).
 - Switchgear & electrical control room (GIS) & central control room (TCR).
- Dates** : From Mar. 2006 till Jun. 2006
- Employer** : General Electric
- Job title** : Operation Engineer
- Job Description** : Operation Engineer at Cairo North Power Station Phase 2 during commissioning and start-up of turbine generator and their auxiliaries.
- Dates** : From Mar. 2003 till Mar. 2006
- Employer** : Cairo Electricity Production Company
- Project** : Cairo North Combined Cycle (Modules I & II) 750MW
- Job title** : Operation Engineer
- Job Description** :
 - Commissioning and start-up & operation for 2x250MW General Electric MS 9001FA gas turbine.
 - Mitsubishi gas turbine (2x250MW – Japan) & Netmation control.
 - Hitachi steam turbine (1x250MW – Japan) & Mark VI.
 - DCS control Foxboro.
 - Two heat recovery steam generator (HRSG), manufactured by NEM.
 - 3 Gas compressors (screw type), two stages, compression ratio 28:42 bar.